

ABSTRACT OF THE DISCLOSURE

5 In transmitting image data from multiple cameras to an image processing section to produce a synthesized image from respective camera images, the amount of data transmitted through a transmission path can be cut down without sacri-
ficing the quality of the synthesized image. In accordance with a correspondence between the synthesized and camera im-
ages as described on a mapping table, a resolution specifier specifies resolutions, which should be necessary for image
10 synthesis, for respective areas of each camera image. A com-pressor, provided for each of the cameras, compresses the as-sociated camera image data according to the resolutions specified. In this manner, the image data, which has been
15 synthesized and camera images, is transmitted through the transmission path.